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| Form PTO-1390<br><b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |   | EXPRESS MAIL LABEL NO.: EL 979108880 US<br>ATTORNEY'S DOCKET NUMBER: <b>04150.0003U2</b><br>U.S. APPLICATION NO. <b>10/561734</b><br>PRIORITY DATE CLAIMED<br><b>June 25, 2003 and August 29, 2003</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/GB2004/002779</b>  | INTERNATIONAL FILING DATE<br><b>June 25, 2004</b> |  |
| TITLE OF INVENTION:<br><b>PROTEIN EXPRESSION SYSTEM</b>  |   |  |
| APPLICANT(S) FOR DO/EO/US:<br><b>HESKETH, John; RAVNEBERG, Hanne; GJERDRUM, Christine; TAULER, Albert; PRYME, Ian; and STERN, Beate</b>  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |  |
| <b>Items 11 to 20 below concern document(s) or information included:</b>   |   |  |
| <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. The contents of the paper copy and the computer-readable form of the Sequence Listing submitted herewith are the same and include no new matter, as required by 37 C.F.R. 1.821(f).</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. Other items or information:</li> </ol>  |   |  |

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/561734</b>   |                     | INTERNATIONAL APPLICATION NO.<br>PCT/2004/002779                                  |             | ATTORNEY DOCKET NUMBER<br>04150.0003U2 |                     |
| The following fees have been submitted  |                     |   |             | <b>CALCULATIONS</b>                    | <b>PTO USE ONLY</b> |
| 21. <input checked="" type="checkbox"/> Basic national fee .....  |                     |   |             | \$ 300.00                              |                     |
| 22. <input checked="" type="checkbox"/> Examination fee   |                     |   |             |  |                     |
| If written opinion prepared by ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....  |                     |   |             | \$ 200.00                              |                     |
| All other situations .....  |                     |   |             | \$ 0.00                                |                     |
| 23. <input checked="" type="checkbox"/> Search Fee  |                     |   |             |  |                     |
| If written opinion prepared by ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....  |                     |   |             | \$ 400.00                              |                     |
| If Search fee (37 CFR 1.445(a)(2)) in International Application to USPTO as ISA .....   |                     |   |             | \$ 100.00                              |                     |
| ISR prepared by an ISA other than the US and provided to USPTO .....  |                     |   |             | \$ 400.00                              |                     |
| All other situations .....  |                     |   |             | \$ 500.00                              |                     |
| <b>TOTAL OF 21, 22 AND 23 =</b>   |                     |   |             | <b>\$ 900.00</b>                       |                     |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |                     |   |             |  |                     |
| <b>Total Sheets</b>   | <b>Extra Sheets</b> | <b>No. of each additional 50 or fraction thereof (round up to a whole number)</b> | <b>RATE</b> |  |                     |
| - 100   | / 50 =              |   | X \$250     | \$ 0.00                                |                     |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |                     |   |             | \$ 130.00                              |                     |
| <b>CLAIMS</b>   | <b>NUMBER FILED</b> | <b>NUMBER EXTRA</b>   | <b>RATE</b> |  |                     |
| Total claims  | [ 29 ] - 20 =       | 9   | X \$50.00   | \$ 450.00                              |                     |
| Independent claims  | [ 3 ] - 3 =         |   | X \$200.00  | \$ 0.00                                |                     |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |                     |   | + \$360.00  | \$ 0.00                                |                     |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |                     |   |             | <b>\$ 1480.00</b>                      |                     |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2   |                     |   |             | \$ 0.00                                |                     |
| <b>SUBTOTAL =</b>   |                     |   |             | <b>\$ 1480.00</b>                      |                     |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 months <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |                     |   |             | \$ 0.00                                |                     |
| <b>TOTAL NATIONAL FEE =</b>   |                     |   |             | <b>\$ 1480.00</b>                      |                     |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property   |                     |   |             | \$ 0.00                                |                     |
| <b>TOTAL FEES ENCLOSED =</b>  |                     |   |             | <b>\$ 1480.00</b>                      |                     |
|   |                     |   |             | Amount to be refunded:                 | \$                  |
|   |                     |   |             | charged:                               | \$                  |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. 14-0629 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0629. A duplicate copy of this sheet is enclosed.<br>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.<br>e. <input checked="" type="checkbox"/> Pursuant to 37 C.F.R. §1.136(a)(3), the Commissioner is hereby requested and authorized to treat any concurrent or future reply in the above-identified application, requiring a petition for an extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. |                     |   |             |  |                     |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.   |                     |   |             |  |                     |
| SEND ALL TO THE ADDRESS ASSOCIATED WITH:<br>Customer No. 23859  |                     |   |             |  |                     |
| SIGNATURE _____<br>Lizette M. Fernandez<br>NAME _____<br>46,694<br>REGISTRATION NUMBER _____  |                     |   |             |  |                     |